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Publication: Research - peer-review › Journal article – Annual report year: 2018

A Numerical Study of Fractured Reservoirs' Productivity Behavior through Coupled Hydromechanical Model
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Publication: Research - peer-review › Journal article – Annual report year: 2018

Heat Recovery from Multiple-Fracture Enhanced Geothermal Systems: The Effect of Thermoelastic Fracture Interactions
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In Situ Investigation of the Evolution of Lattice Strain and Stresses in Austenite and Martensite During Quenching and Tempering of Steel
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Applying LCA in decision making- the need and the future perspective
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Experimental study of strain prediction on wave induced structures using modal decomposition and quasi static Ritz vectors
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Publication: Research - peer-review › Journal article – Annual report year: 2017

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On minimizing the influence of the noise tail of correlation functions in operational modal analysis
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On the connectivity anisotropy in fluvial Hot Sedimentary Aquifers and its influence on geothermal doublet performance
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Reliability analysis of offshore structures using OMA based fatigue stresses
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Resilience of systems by value of information and SHM
Miraglia, S., Faber, M. H., Thöns, S. & Stewart, M. G. 2017 Safety, Reliability, Risk, Resilience and Sustainability of Structures and Infrastructure: 12th Int. Conf. on Structural Safety and Reliability, Vienna, Austria, 6–10 August 2017. p. 2998-3007
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Stabilization diagrams using operational modal analysis and sliding filters
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Structural Monitoring for Offshore Structures: A challenge needs to be undertaken
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Temperature Effects on Stiffness Moduli of Reservoir Sandstone from the Deep North Sea
Orlander, T., Andreassen, K. A. & Fabricius, I. L. 2017
Publication: Research - peer-review › Paper – Annual report year: 2017

The impact of reduction of doublet well spacing on the Net Present Value and the life time of fluvial Hot Sedimentary Aquifer doublets
Thermodynamic Analysis of Chalk–Brine–Oil Interactions

Three-Dimensional poroelastic effects during hydraulic fracturing in permeable rocks

Towards the understanding of microbial metabolism in relation to microbial enhanced oil recovery

A general procedure for estimating dynamic displacements using strain measurements and operational modal analysis
Skafte, A., Aenlle, M. L. & Brincker, R. 2016 In : Smart Materials and Structures. 25, 2, 8 p., 025020

A geometrically based method for predicting stress-induced fracture aperture and flow in discrete fracture networks

Application of infrared thermography for temperature distributions in fluid-saturated porous media

Damping characteristics of a footbridge: Mysteries and truths

Fracture Toughness Characterization of Honeycomb Core Sandwich Composites in Mode - I: A Comparative Study

In Situ Techniques for the Investigation of the Kinetics of Austenitization of Supermartensitic Stainless Steel

Microbial enhanced oil recovery—a modeling study of the potential of spore-forming bacteria

Orbital calibration of the late Campanian carbon isotope event in the North Sea

The impact of different aperture distribution models and critical stress criteria on equivalent permeability in fractured rocks
The impact of in-situ stress and outcrop-based fracture geometry on hydraulic aperture and upscaled permeability in fractured reservoirs
Bisdom, K., Bertotti, G. & Nick, H. 2016 In : Tectonophysics. 69, Part A, p. 63-75
Publication: Research - peer-review › Journal article – Annual report year: 2016

The influence of facies heterogeneity on the doublet performance in low-enthalpy geothermal sedimentary reservoirs
Publication: Research - peer-review › Journal article – Annual report year: 2016

Projects:

Big data at DHRTC
Jørgensen, T. M. & Schmidt, K. G.
15/09/2017 → 31/12/2017
Project

Risk Based Asset Management of subsurface wells against corrosion and scale
Miraglia, S.
01/03/2017 → …
Project

Novel Productivity Enhancement Concept for a Sustainable Utilization of a Geothermal Resource
Nick, H.
01/03/2016 → 31/08/2019
Project

Operations and Maintenance Technology, CTR1
Jørgensen, T. M.
15/02/2016 → 01/01/2020
Project

3D imaging center
01/01/2016 → 01/01/2021
Project

Activities:

Pilot Demonstration of Alarm Management in Oil & Gas Operations. - Decision Support from Functional Modelling.
Jørgensen, T. M. (Guest lecturer)
14 Nov 2017 → 15 Nov 2017
Activity: Talks and presentations › Conference presentations

Applying LCA in decision making- the need and the future perspective
Dong, Y. (Speaker), Miraglia, S. (Other), Manzo, S. (Other), Georgiadis, S. (Other), Sørup, H. J. D. (Other), Boriani, E. (Other), Hald, T. (Other), Thöns, S. (Other), Hauschild, M. Z. (Other)
10 May 2017
Activity: Talks and presentations › Conference presentations

Making sense of Big Data
Jørgensen, T. M. (Guest lecturer)
24 Apr 2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations
Making sense of big data for Produced Water Treatment
Jørgensen, T. M. (Invited speaker)
17 Nov 2016
Activity: Talks and presentations › Conference presentations

Fracture Toughness Characterization of Honeycomb Core Sandwich Composites in Mode - I: A Comparative Study
Saseendran, V. (Speaker), Berggreen, C. (Lecturer), Leif A. Carlsson (Lecturer)
20 Mar 2016 → 22 Mar 2016
Activity: Talks and presentations › Conference presentations

Biorefinery Öresund Conference 'Biorefining from raw material to high value products'
Cheali, P. (Speaker), Gernaey, K. V. (Speaker), Sin, G. (Speaker)
1 May 2012 → 30 Apr 2015
Activity: Talks and presentations › Conference presentations

Press clippings:

Interview with research talents
Frank Nießen
25/05/2018
1 media contribution
Press / Media

Experiments on Supermartensitic Stainless Stainless Steel in Berlin
Frank Nießen
17/10/2017
1 media contribution
Press / Media